successively bringing a slurry of a water-insoluble photographically useful compound in a grinding chamber of a dispersing machine, which chamber is filled with media,

allowing the compound to contact the media in the grinding chamber, to produce fine grains of the compound successively,

successively separating the media from the compound by centrifugal force, and

taking the compound out of the grinding chamber,

wherein the bulk density of the media is 4.0 g/cm^3 or more, the Vickers hardness thereof is 10 GPa or more, the breaking tenacity thereof is 5 $MPa \cdot m^{1/2}$ or more, and the average grain size thereof is 0.3 mm or less,

wherein the fine grains in the solid dispersion prepared have an average grain size of 0.01 μm to 1 μm,

wherein said solid fine-grain dispersion has a content of fine-grains in the range of 3-60 wt%, and

wherein said solid fine-grain dispersion is prepared in the presence of a dispersing agent.

17. (Three Times Amended) A coating composition for a silver halide photographic light-sensitive material, which composition comprises a photographic solid fine-grain dispersion that is obtained by a preparation method comprising the steps of:

successively bringing a slurry of a water-insoluble

photographically useful compound in a grinding chamber of a dispersing machine, which chamber is filled with media,

allowing the compound to contact the media in the grinding chamber, to produce fine grains of the compound successively,

successively separating the media from the compound by centrifugal force, and

taking the compound out of the grinding chamber,

wherein the bulk density of the media is 4.0 g/cm^3 or more, the Vickers hardness thereof is 10 GPa or more, the breaking tenacity thereof is 5 $MPa \cdot m^{1/2}$ or more, and the average grain size thereof is 0.3 mm or less,

wherein the fine grains in the solid dispersion prepared have an average grain size of 0.01 μm to 1 μm,

wherein said solid fine-grain dispersion has a content of fine-grains in the range of 3-60 wt%, and

wherein said solid fine-grain dispersion is prepared in the presence of a dispersing agent.

24. (Twice Amended) A silver halide photographic light-sensitive material having at least one light-sensitive silver halide emulsion layer on a support, which comprises a photographic solid fine-grain dispersion which is obtained by a preparation method comprising the steps of:

successively bringing a slurry of a water-insoluble

photographically useful compound in a grinding chamber of a dispersing machine, which chamber is filled with media,

allowing the compound to contact the media in the grinding chamber, to produce fine grains of the compound successively,

successively separating the media from the compound by centrifugal force, and

taking the compound out of the grinding chamber,

wherein the bulk density of the media is 4.0 g/cm^3 or more, the Vickers hardness thereof is 10 GPa or more, the breaking tenacity thereof is 5 $MPa \cdot m^{1/2}$ or more, and the average grain size thereof is 0.3 mm or less,

wherein said solid fine-grain dispersion has a content of fine-grains in the range of 3-60 wt%, and

wherein said solid fine-grain dispersion is prepared in the presence of a dispersing agent.

35. (Amended) The photographic solid fine-grain dispersion according to claim 7, wherein said dispersing agent is used in the amount of 2-30 wt%.

Please add the following new claims:

--36. (NEW) The coating composition according to claim 17, wherein said dispersing agent is used in the amount of 2-30 wt%.--

--37. (NEW) The silver halide photographic light-sensitive

material according to claim 24, wherein said dispersing agent is used in the amount of 2-30 wt%.--